### Create Parser

Create a new parser. Cluster administrator privileges are required to call this API.

#### HTTP Request

POST /api/sonar/parsers

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ -d code=test \ -d name=Test \ -d factory\_name=fortigate \ -d configs="{""ver"":""2""}" \ -X POST \ https://HOSTNAME/api/sonar/parsers

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| code | O | String | Parser code | Minumum 1 to maximum 50 characters |
| name | O | String | Parser display name | Minumum 1 to maximum 50 characters |
| factory\_name | O | String | Parser factory name |  |
| description | X | String | Parser description | Maximum 2,000 characters |
| schema\_code | X | String | Log schema code |  |
| configs | X | String key/value | list of configuration options | JSON format string |

#### Success Response

{}

#### Error Responses

Required argument is missing

HTTP status code 400

{ "error\_code": "null-argument", "error\_msg": "code should be not null"}

Invalid argument length

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'code' must be less than or equal to 50 characters."}

Duplicate parser code or name

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "duplicated parser: foo"}

Parser factory is not found

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "parser factory not found: unknown"}

Schema is not found

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "schema not found: unknown"}

Invalid configuration value

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "parser config [query] should be not null"}